WHAT IS CLAIMED IS:

- 1. A charging member for being contactably disposed to an image bearing member and being supplied with a bias voltage, comprising:
- a resistance layer having an ionic electrical conductivity,

wherein said resistance layer comprises a foamed elastic member and satisfies the following relationships:

10 B \leq (5/3) x A - 0.3, and B \geq 0.6,

wherein A represents a surface bubble-containing density measured, in a state that air bubbles are attached to the surface of said resistance layer, by immersion method according to JIS Z 8807; and B represents a surface bubble-deaerated density measured, in a state that said air bubbles are removed from the surface of said resistance layer, by immersion method according to JIS Z 8807.

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- 2. A member according to Claim 1, wherein said resistance layer has a volume resistivity of not less than 1×10^6 ohm.cm and not more than 1.0×10^{10} ohm.cm, measured in an environment of a temperature of 23 °C and a relative humidity of 50 %.
 - 3. A member according to Claim 1, wherein said

resistance layer has a volume resistivity of not less than $1x10^7$ ohm.cm and not more than $1.0x10^9$ ohm.cm, measured in an environment of a temperature of 23 $^{\circ}$ C and a relative humidity of 50 %.

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4. A member according to Claim 1, wherein said resistance layer satisfies the following relationship:

$$0.6 \le B \le 0.75$$
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5. A member according to Claim 1, wherein said resistance layer satisfies the following relationship:

$$A + 0.02 \le B \le (5/3) \times A - 0.3.$$

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6. A member according to Claim 1, wherein said charging member abuts against the image bearing member at an abutting pressure of not less than 2.5×10^3 Pa an not more than 3.0×10^5 Pa.

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7. A member according to Claim 1, wherein said charging member abuts against the image bearing member at an abutting pressure of not less than 7.5×10^3 Pa and not more than 2.0×10^5 Pa.

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8. A member according to Claim 1, wherein said charging member further comprises a core metal on

which said resistance layer is disposed, said resistance layer having a thickness of not less than 4.5 mm.

9. A member according to Claim 1, wherein said charging member further comprises a core metal on which said resistance layer is disposed, said resistance layer having a thickness of not less than 6.0 mm.

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- 10. A member according to Claim 1, wherein said resistance layer comprises a foamed elastic member having a closed cell.
- 15 11. An image forming apparatus, comprising: image forming means for forming an image on an image bearing member, and

a transfer member for being contactably disposed to the image bearing member and transferring the image formed on the image baring member by applying a bias voltage to said transfer member;

wherein said transfer member comprises a resistance layer having an ionic electrical conductivity, said resistance layer comprising a foamed elastic member and satisfying the following relationships:

 $B \le (5/3) \times A - 0.3$, and

 $B \geq 0.6$,

wherein A represents a surface bubble-containing density measured, in a state that air bubbles are attached to the surface of said resistance layer, by immersion method according to JIS Z 8807; and B represents a surface bubble-deaerated density measured, in a state that said air bubbles are removed from the surface of said resistance layer, by immersion method according to JIS Z 8807.

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- 12. An apparatus according to Claim 11, wherein said resistance layer has a volume resistivity of not less than 1×10^6 ohm.cm and not more than 1.0×10^{10} ohm.cm, measured in an environment of a temperature of 23 °C and a relative humidity of 50 %.
- 13. An apparatus according to Claim 11, wherein said resistance layer has a volume resistivity of not less than $1x10^7$ ohm.cm and not more than $1.0x10^9$ ohm.cm, measured in an environment of a temperature of 23 $^{\circ}$ C and a relative humidity of 50 %.
- 14. An apparatus according to Claim 11, wherein said resistance layer satisfies the following relationship:

 $0.6 \le B \le 0.75$.

15. An apparatus according to Claim 11, wherein said resistance layer satisfies the following relationship:

 $A + 0.02 \le B \le (5/3) \times A - 0.3$.

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16. An apparatus according to Claim 11, wherein said transfer member abuts against the image bearing member at an abutting pressure of not less than 2.5×10^3 Pa an not more than 3.0×10^5 Pa.

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17. An apparatus according to Claim 11, wherein said transfer member abuts against the image bearing member at an abutting pressure of not less than 7.5×10^3 Pa and not more than 2.0×10^5 Pa.

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18. An apparatus according to Claim 11, wherein said transfer member further comprises a core metal on which said resistance layer is disposed, said resistance layer having a thickness of not less than 4.5 mm.

20 4.5 mm.

19. An apparatus according to Claim 11, wherein said transfer member further comprises a core metal on which said resistance layer is disposed, said resistance layer having a thickness of not less than 6.0 mm.

20. An apparatus according to Claim 11, wherein said resistance layer comprises a foamed elastic member having a closed cell.